

Peak District National Park

Forecast valid from 00:00 on Thursday 22 Apr 2021 until 23:59 on Friday 23 Apr 2021

Forecast Issued on Wednesday 21 Apr 2021 at 15:43

Confidence: Moderate to high confidence in the dry trend.

Headline for Thursday 22 Apr 2021: An early valley frost is likely. A dry and often sunny day.

Mountain weather hazards on Thursday 22 Apr 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Sunny intervals	Sunny	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 22 Apr 2021

Weather: Dry with long clear spells in the early hours, leading to a frost forming, mainly in valleys. A dry often sunny day is then forecast with mainly light winds. Feeling pleasant in valleys with shelter by the afternoon, still somewhat fresher over peaks. Sunshine may be strong with exposure at altitude. Then dry and clear through the evening.

Chance of cloud free mountain/hill tops above 600m: Generally 90-100 percent.

Visibility: Mainly good or very good, locally moderate in any early morning mist.

Forecast for Thursday 22 Apr 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 E	10/14 SE	6/8 SE	4/7 SW	3/7 N	4/8 N	6/8 E	8/11 SE	10/13 S
300	7/16 E	4/5 N	2/4 E	4/7 SW	4/7 NW	4/8 S	4/8 S	4/8 SE	6/12 SE
Valley	8/17 E	3/6 E	3/4 E	2/4 SW	2/6 SW	3/6 SW	4/7 S	5/9 E	6/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-3	1/-2	3/1	7/6	9/8	9/7	6/4	5/2
300	2/-1	1/-1	1/-0	5/4	9/8	12/11	11/10	8/6	6/4
Valley	2/-1	1/-1	1/-0	6/6	11/10	13/12	12/12	7/6	6/4
Freezing Level*	400m	400m	300m	500m	900m	1100m	1200m	1100m	1100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

An early frost is forecast, then feeling rather cool at altitude with light, variable winds. Pleasant in sheltered valleys.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Wed 21 Apr 2021

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Friday 23 Apr 2021

Weather: A similar day is expected, after an early frost, with dry, sunny weather, and little cloud. Feeling pleasant in valleys by the afternoon, fresher over peaks.

Maximum wind: Southeasterly light 5 to 10 mph, gusts to 15 mph.

Chance of cloud free mountain/hill tops above 600m: 90-100 percent.

Visibility: Very good, locally moderate in valleys around dawn.

Temperature: **Valleys:** Zero becoming plus 15 deg C.

At 600m: 2 bec 11 deg C.

Freezing level: Mainly above the peaks, but with an early valley frost.